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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Arpan P. Mahorowala et al.

Serial No.: 09/902,728

Filed: July 12, 2001

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Examiner: Barreca, Nicole M.

Art Unit: 1756

Atty Docket: YOR920000789US1

For: METHOD TO PREVENT PATTERN COLLAPSE IN FEATURES ETCHED IN  
SULFUR DIOXIDE-CONTAINING PLASMAS

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**RESPONSE AND AMENDMENT UNDER 37 CFR § 1.111**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:


In response to the Office Action dated June 3, 2003, please amend the above-identified  
application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Abstract** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this  
paper.

**Remarks/Arguments** begin on page 9 of this paper.

|  |   |   |                                   |                              |             |
|--|---|---|-----------------------------------|------------------------------|-------------|
| <b>AMENDMENT TRANSMITTAL LETTER</b>  |   |   | Docket No.<br>20140-00272-US      |                              |             |
| Application No.<br>09/902,728-Conf. #9522  | Filing Date<br>July 12, 2001              | Examiner<br>Barreca, Nicole M.          | Art Unit<br>1756                  |                              |             |
| Applicant(s): Arpan P. Mahorowala  |   |   |                                   |                              |             |
| Invention: METHOD TO PREVENT PATTERN COLLAPSE IN FEATURES ETCHED IN SULFUR DIOXIDE-CONTAINING PLASMAS  |   |   |                                   |                              |             |
| <b>TO THE COMMISSIONER FOR PATENTS</b>   |   |   |                                   |                              |             |
| Transmitted herewith is an amendment in the above-identified application.  |   |   |                                   |                              |             |
| The fee has been calculated and is transmitted as shown below.   |   |   |                                   |                              |             |
| <b>CLAIMS AS AMENDED</b>   |   |   |                                   |                              |             |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate                         |             |
| Total Claims   | 26  | - 26 =                                  | 0                                 | x                            | 0.00        |
| Independent Claims   | 2   | - 6 =                                   | 0                                 | x                            | 0.00        |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |   |   |                                   |                              |             |
| Other fee (please specify):  |   |   |                                   |                              |             |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>  |   |   |                                   |                              | <b>0.00</b> |
| <input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>  |   |   |                                   |                              |             |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment.  |   |   |                                   |                              |             |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____.<br>A duplicate copy of this sheet is enclosed.   |   |   |                                   |                              |             |
| <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.  |   |   |                                   |                              |             |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |   |                                   |                              |             |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>22-0185</u><br>as described below. A duplicate copy of this sheet is enclosed.   |   |   |                                   |                              |             |
| <input checked="" type="checkbox"/> Credit any overpayment.  |   |   |                                   |                              |             |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.   |   |   |                                   |                              |             |
| <br>John A. Evans<br>Attorney Reg. No.: 44,100<br><br>CONNOLLY BOVE LODGE & HUTZ LLP<br>1990 M Street, N.W., Suite 800<br>Washington, DC 20036-3425<br>(202) 331-7111 |   |   |                                   | Dated: <u>August 1, 2003</u> |             |
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. , on the date shown below.<br>Dated: <u>8/1/03</u> Signature: <u>Diana M. Francis</u> (Diana M. Francis)                      |   |   |                                   |                              |             |

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**OFFICIAL****FAX TRANSMISSION****DATE:** August 1, 2003**PTO IDENTIFIER:** Application Number 09/902,728-Conf. #9522  
Patent Number**Inventor:** Arpan P. Mahorowala**MESSAGE TO:** Barreca, Nicole M.**FAX NUMBER:** 703-872-9310**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP.  
Burton A. Amernick**PHONE:** (202) 331-7111**Attorney Dkt. #:** 20140-00272-US**PAGES (Including Cover Sheet):** 16**CONTENTS:** Amendment Transmittal (1 page)  
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Response and Amendment Under 37 CFR § 1.111 (13 pages)

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